

Table 5 Cases where the Piping was the Leak Source

County / City		Leak Source	Tank Age	How Discovered	Date Discovered	Monitoring	Last Piping Test	Result of Piping Test	Time Lapse*	Last MIR/SIR	Result of MIR/SIR	Notes
01	HAYWARD	TLD	16	MW	2/23/86	N						
10	FRESNO	DL	13	TC	11/2/95	Y						station closed prior to 91. Holes noted on one tank
10	HURON	TL	35	TC	11/17/95	N						Holes in tank. Initial inpection 3/90, tanks not in operation
10	FRESNO	TL	U	TC	12/22/95	Y				8/1/90	P M	5/21/92 & 8/13/93 two tanks P and two tanks F the VacuTect test. 1/25/94, 4/7/94 P but no line or LLD tests.

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10	FRESNO	P	U	TC	12/13/95	N						Tank rusty. New owners not aware of tanks
12	BLUE LAKE	P	U			Y				7/1/93	P M	Leak was discovered by loss of prime to pump. Facility installed TLS 350 on Oct 92 on the 5000 gal unleaded.
15	BAKERSFIELD	P		SM		N						
15	BAKERSFIELD	P		PT	10/24/95	Y	10/23/95	F	0	10/31/95	P S	Loose union found during annual test (UNL). 10/21/93 tank, pipe, MLD test. Three SIR fails during 94 for each tank (SIRAS). These are attributed to dip stick error. 9/95 and 10/95 SIRAS- tight
19	COMPTON	TLD	16	TC	6/4/91	Y						5 tanks 16- 27 years old, one is a clarifier tank, never tested. Failed gasoline tank P the 3/19/86 tank test. Diesel tank "P" a 10/16/85 test, no line test, leak was around pipe and dispenser.

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19	ATWATER VILLAGE	P		OT	4/18/94	N						
19	ENCINO	P		TT	10/19/95	Y						
19	ATWATER VILLAGE	P		TC	1/25/96	N						
19	ROSEMEAD	P	U	TC	11/1/95	Y						Gasoline tank removed 9/13/95.
19	DIAMOND BAR	P		TT	7/24/90	Y						

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19	LOS ANGELES	P	23	TR	10/16/95	N						
19	CLAREMONT	P	U	TC	12/1/94	N						tank removed in 11/27/94
19	LAWNDALE	P	19	IC	11/16/95	Y						1995 MIR discrepancy lead to leak discovery.
19	NORTHRIDGE	P	10	V	12/1/95	N						Ground saturated with oil
19	BURBANK	P	U	OT	2/13/96	N						

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19	SHERMAN OAKS	P	U	IC	1/3/96	Y	1/3/96	F	0			
27	BIG SUR	PL	U	TC	11/15/95	Y						Leak is a prior release, site was previously a gas station. last tank test was in 1995 and passed.
30	FULLERTON	P		LD	2/17/96	Y	5/19/95	P	9	12/31/95	P M	Leak discovered (in turbine flex connector) by MLD going into slow flow and inventory loss of 3000 gallons. ELD was apparently disabled. 5/92-6/96 annual tank tests all pass.
30	ANAHEIM	P	10	UP	10/31/95	Y						Leak discovered during upgradeing.
31	AUBURN	P	18	TC	9/29/95	Y						

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32 QUINCY	OL	20	TC	10/13/95	Y						Source of leak was overfill and line leakage. 95 tank tested as 2000 gal, when removed discovered to be 3000 gals.
32 MT HOUGH	P	U	TC	9/6/95	N						
33 CORONA	P		TC	11/13/95	N						
34 SACRAMENTO	P		OT	11/22/95	N						
36 MOUNTAIN PASS	P		TC	12/17/95	N						

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36	BAKER	P		TC	12/21/95	N						
36	RANCHO CUCAMONG	P		TC	10/25/91	N						
36	RANCHO CUCAMONG	P		OT	11/27/95	N						
36	VICTORVILLE	P		TC	10/24/95	N						
39	STOCKTON	P		TC	11/8/95	N						

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39	RIPON	P		OT	11/3/95	N						
39	TRACY	P		OT	8/9/95	N						
54	DINUBA	P	U	PS	2/5/96	Y	12/16/95	P	2			1/18/95 UST2000P&U test pass all three tanks (product level 56, 65, 57 for 74"D tank), piping test PL400 pass. 12/16/95 product level (69/75, 69/96, 56/75). Same tanks different diameters.
54	PIXELY	P	U	TC	10/13/95	Y	12/15/94	P	10			12/94 tests product levels: 71/96, 70/96, 68/95. one of the lines pass @ - .0405gph. 2/6/94 test tank @ 61, 64, 72/96", all pass.
56	SANTA PAULA	P		TC	7/11/96	U						



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56   PIRU	P		TC	10/15/95	U						
56   VENTURA	P		OT	10/9/95	U						
58   MARYSVILLE	P		OT	10/12/95	U						

<b>42</b> - Sites where piping was reported as the leak source					Monitoring (Y):	<b>17</b>	Average time, in months, between last piping test and leak discovery date:	<b>4.2</b>
					Monitoring (N):	<b>21</b>	Number of cases with piping test information:	<b>5</b>
					Monitoring (U):	<b>4</b>	Number of piping tests reported as a "pass":	<b>3</b>
					Percent using monitoring:	<b>40%</b>		
					Percent not using monitoring:	<b>50%</b>		